COMMONWEALTH OF KENTUCKY

BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

ADJUSTMENT OF RATES FOR)			
WHOLESALE ELECTRIC POWER)			
TO MEMBER COOPERATIVES OF)	CASE 1	NO.	8400
EAST KENTUCKY POWER	Ś	-		
COOPERATIVE, INC.	Ś			

ORDER

IT IS ORDERED that East Kentucky Power Cooperative, Inc., shall file an original and five copies of the following information with the Commission by February 4, 1982, with a copy to the Attorney General's Division of Consumer Protection. Each copy of the response should be placed in a bound volume with each item tabbed. If a number of sheets are required for an item, each sheet should be appropriately indexed; for example, Item la, Page 1 of 3. Carefull attention should be given to copied material to insure that it is legible.

Information Request No. 1

- 1. In comparative form, a total company income statement, a statement of changes in financial position, and a balance sheet for the test year and the 12-month period immediately preceding the test year.
- 2. A trial balance as of the last day of the test year (all income statement accounts should show activity for 12 months)

showing account number, account title, and amount. Show the balance in each control and all underlying subaccounts per company books.

- 3. The balance in each current asset and each current liability account and subaccount included in the applicant's chart of accounts by months for the test year. Additionally, show total current assets, total current liabilities, and net current position (current assets less current liabilities) by months and average (13 month) for the test year. Provide a reconciliation of current assets, current liabilities, and net current position provided in response to the above with the current assets and current liabilities as shown on the balance sheet for each month of the test year.
- 4. For each item of electric property held for future use at the end of the test year provide the data as shown in Format 4.
- 5. The following monthly account balances and a calculation of the average (13 month) account balances for the test year.
 - a. Plant in service (Account 101)
 - b. Plant purchased or sold (Account 102)
 - c. Property held for future use (Account 105)
 - d. Construction work in progress (Account 107)
 - e. Completed construction not classified (Account 106)
 - f. Depreciation reserve (Account 108)
 - g. Plant acquisition adjustment (Account 114)

- h. Amortization plant acquisition adjustment
 (Account 115)
- i. Materials and supplies (Accounts 151, 154.1, 154.3, 154.4, and applicable portion of 163)
- j. Unpaid for balance in materials and supplies applicable to each account in 5i above
- k. Balance in Accounts Payable applicable to amounts included in utility plant in service
- Balance in Accounts Payable applicable to amounts included in plant under construction
- m. Short-term borrowings
- n. Interest on short-term borrowings (expense)
- 6. Schedules in comparative form showing by months for the test year and the year preceding the test year the balance in each electric plant and reserve account or subaccount included in the applicant's chart of accounts as shown in Format 6.
- 7. Provide the journal entries relating to the purchase of utility plant acquired as an operating unit or system by purchase, merger, consolidation, liquidation, or otherwise since the end of the test period in the last rate case. Also, a schedule showing the calculation of the acquisition adjustment at the date of purchase of each item of electric plant, the amortization period, and the unamortized balance at the end of the test year.
- 8. The detailed work papers showing calculations supporting all accounting, pro forma, end-of-period, and proposed rate

adjustments in the rate application to revenue, expense, investment, and reserve accounts for the test year and a complete detailed narrative explanation of each adjustment including the reason why each adjustment is required. Explain all components used in each calculation. Index each calculation to the accounting, pro forma, end-of-period, and proposed rate adjustment which it supports.

- 9. a. A schedule showing a comparison of the balance in each operating expense account for each month of the test year to the same month of the preceding year for each account or subaccount included in the applicant's chart of accounts. See Format 6.
- b. A schedule in comparative form showing the operating expense account balances for the test year and each of the 5 years preceding the test year for each account or subaccount included in the applicant's annual report (FPC Form No. 1, Pages 417-420). Show the percentage of increase of each year over the prior year.
- c. A schedule of total company salaries and wages for the test year and each of the 5 calendar years preceding the test year as shown in Format 9 attached.
- 10. A schedule of total company net income per 1000 KWH sold per company books for the test year and the 5 years preceding the test year. This data should be provided as shown in Format 10 attached.

- 11. The comparative operating statistics as shown in Format 11 attached.
- 12. A schedule of average electric plant in service per 1000 KWH sold by account per company books for the test year and the 5 calendar years preceding the test year. This data should be provided as shown in Format 12 attached.
- 13. A statement of electric plant in service per company books for the test year. This data should be presented as shown in Format 13 attached.
 - 14. Provide the following data:
 - a. A detailed analysis of all charges booked during the test period for advertising expenditures as shown in Format 14a. The analysis should be specific as to the purpose of the expenditures and the expected benefit to be derived.
 - b. An analysis of Account 930 Miscellaneous

 General Expenses for the test period. This

 analysis should show a complete breakdown of
 this account as shown in Format 14b.
- 15. Provide an analysis of Account 426 Other Income Deductions for the test period. This analysis should show a complete breakdown of this account as shown in Format 15.
- 16. A statement describing the applicant's lobbying activities and a schedule showing the name of the individual, his salary, his organizations and/or trade associations

involved in, and all company-paid or reimbursed expenses or allowances and the account charged for all personnel for whom a principal function is that of lobbying, whether it be lobbying on the local, state, or national level.

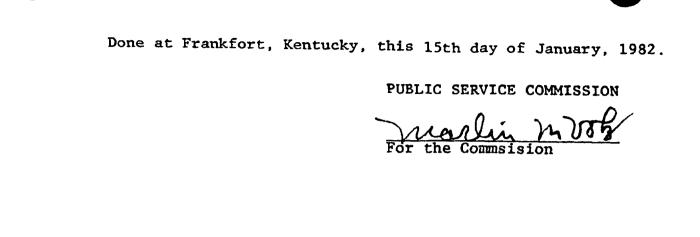
- 17. A schedule showing the test year and the year preceding the test year with each year shown separately the following information regarding the applicant's investments in subsidiaries and joint ventures:
 - (1) Name of subsidiary or joint venture
 - (2) Date of initial investment
 - (3) Amount and type of investment made for each of the 2 years included in this report
 - (4) Balance sheet and income statement for the test year and the year preceding the test year. Where only internal statements are prepared, furnish copies of these.
 - (5) Show on a separate schedule all income of any type received by applicant from its subsidiaries or joint ventures for each of the 2-year report periods and indicate how this income is reflected in the reports filed with the Commission and the stockholder reports.
 - (6) Name of officers of each of the subsidiaries or joint ventures, officer's annual compensation, and portion of compensation charged

to the subsidiary or joint venture. Also, indicate the position each officer holds with the applicant and the compensation received from the applicant.

- 18. a. A schedule showing by month the dollar amount of fuel purchased from affiliated and non-affiliated suppliers for the test year.
- b. A calculation of the dollar amount paid for fuel purchased each month from affiliated suppliers for the test year.
- c. A calculation showing the average (13 month) number of days' supply of coal on hand for the test year and each of the 5 years preceding the test year (include a copy of all work papers). Also, include a written detailed explanation of factors considered in determining what constitutes an average day's supply of coal.
- 19. A schedule of non-utility property and property taxes and accounts where amounts are recorded as shown in Format 19.
- 20. Rates of return in Format 20 attached. Provide work papers showing calculations of all returns and ratios.
 - 21. Employee data in Format 21 attached.
- 22. A calculation of the rate or rates used to capitalize interest during construction for the test year and the 3 preceding calendar years. Provide a narrative explanation of each component entering into the calculation of this rate.

- 23. A list of generation units completed or under construction during the test year. This list should include the capacity, actual or estimated total cost, the total amount expended to date and the amount expended during the test year for each project, type of fuel to be utilized, and the inservice or estimated completion date for each unit. Provide all costs, including capital costs.
- 24. a. Monthly purchased power costs for the test year. These costs should be separated into demand and energy costs and broken down by supplier. The actual KW demands and KWH purchased should be included for each month.
- b. Provide a schedule of energy sales and interchange outside the East Kentucky system for the test year. For each month show by purchaser KWH sales and deliveries, and revenues and cost reductions. Provide details of all settlements other than cash.
- 25. Actual fuel costs for the test year. The costs should be given in total dollars, cents per KWH generated, and cents per MBTU for each type fuel. Data should also be supplied on the actual amounts of each type of fuel used, the number of BTUs obtained from each type of fuel, and the KWH generated by each type of fuel.
- 26. Provide a detailed analysis of the estimated operating costs of any generating units declared commercial during or subsequent to the test year.

- 27. A listing of present or proposed research efforts dealing with the pricing of electricity and the current status of such efforts.
- 28. a. Provide calculations of embedded cost of long-term debt at the end of each calendar year for the previous 5 years. Also provide the calculation for the end of the test period.
- b. A calculation of the average (13 months) and end-of-period long-term and short-term debt composite interest costs for the 12 months of the test year. Supporting details underlying calculations should be provided.
- c. A schedule reflecting additional debt issued and outstanding subsequent to the test year including the amount, date of issue, maturity date, rate of interest and in whose favor.
- 29. Provide a schedule showing a comparison of volume sales to each of the 18 member cooperatives served by East Kentucky for the test year and the 12-month period immediately preceding the test year.
- 30. Provide a schedule reflecting the salaries and other compensation of each officer, divising director, and department manager with an annual salary in excess of \$30,000 for the test year and the 5 preceding calendar years. Include the percentage annual increase and the effective date of each increase.



ATTEST:

Secretary

A SENTAR

EAST KENTUCKY POWER COOPERATIVE

Case No. 8400

Schedule of Total Company Property Held for Future Use For the Test Year Ended September 30, 1981

"000 Omitted"

In-service Planned Date

Description of Property

Location

Date Purchased

Cost

Description of Intended Use

Current Status

Case No. 8400

Comparison of Total Company Test Year Account Balances
With Those of the Preceding Year

"000 Omitted"

Account Title and Account Number
1st Month
2nd Month
3rd Month
4th Month
5th Month
6th Month
7th Month
8th Month
9th Month
10th Month
11th Month
12th Month
Total

Test Year Prior Year Increase (Decrease)

Case No. 8400

ANALYSIS OF SALARIES AND WAGES

For the Calendar Years 1976 Through 1980 And the 12-Month Period Ending September 30, 1981

"000 Omitted"

Amount (a)	اي		
(b) %	֓֞֡֞֜֞֓֓֓֓֓֞֜֞		
Amount (c)	40	Ca1	
<u>a</u>	ם	endar	
Amount (e)	3r	Years Pr	
(f) %	д	for to	12
Amount (8)	2n	Test Ye	Months E
E	۵	ar	nded
Amount (1)	lst		
G %			
Amount (k)	Year	Test	
E .	· F	ř	

Wages charged to expense:

No.

Item

- 2. Power production expense
- Ψ Transmission expenses
- 4 Distribution expenses
- 5 Customer accounts expense
- 6. Sales expenses
- Administrative and general expenses:
- (a) Administrative and general salaries
- 9 Office supplies and expense
- <u>C</u> Administrative expense transferred-cr.
- <u>e</u> e Property insurance
- Injuries and damages

"000 Omitted"

Item Amount (a) <u></u> Amount (c) Calendar Years Prior to Test Year 4th Amount (e) 3rd <u>F</u> 12 Months Ended Amount (8) **E** ~ (1) let Amount (k) Year Test

7. Administrative and general expenses (continued):

Line

8

- **£** benefits Employee pensions and
- Franchise requirements
- 93 expenses Regulatory commission
- Duplicate charges-cr.
- **EGE** General advertising expenses
- Miscellaneous general expense
- Ξ Maintenance of general plant
- **α** expenses L7(a) through L7(1) Total administrative and general
- 9 expense (L2 through L6 + L8) Total salaries and wages charged
- 10. Wages capitalized
- 11. Total salaries and wages
- 12. expense to total wages (L9 + L11) Ratio of salaries and wages charged
- 13. capitalized to total wages (L10 + L11) Ratio of salaries and wages

struction:

Show percent increase of each year over the prior year in Columns (b), (d), (f), (h), (j), and (l).

Case No. 8400

NET INCOME PER 1000 KWH SOLD

For the Calendar Year 1976 through 19 80
And for the 12 Months Ended September 30, 1981
(Total Company)

(000's)

		12 Months Ended					
	·	Calendar Years					
		Prior to Test Year				Test	
Line	Team	5th				lst	Year
No.	<u>Item</u> (a)	<u>(b)</u>	(c)	(d)	(e)	(f)	(g)
NO.	(B)						
1.	Operating Income						
2.	Operating revenues						
	oporturing revenues						
3.	Operating Income Deductions						
4.	Operation and maintenance expenses:						
5.	Fuel						
6.	Other power production expenses						
7.	Transmission expenses						
8.	Distribution expenses						
9.	Customer accounts expense						
10.	Sales expense						
11	Administrative and general expense						
12.	Total (L5 through L11)						
13.	Depreciation expenses						
14.	Amortization of utility plant acquisition						
	adjustment						
15.	Taxes other than income taxes						
16.	Income taxes - Federal						
17.	Income taxes - other						
18.	Provision for deferred income taxes						
19.	Investment tax credit adjustment - net						
20.	Total utility operating expenses						
21.	Net utility operating income						
22.	Other Income and Deductions						
23.	Other income:						
24.	Allowance for funds used during construc	tion					•
25.	Miscellaneous nonoperating income						
26.	Total other income						
27.	Other income deductions:						
28. 29.	Miscellaneous income deductions	d					
29. 30.	Taxes applicable to other income and deduct Income taxes and investment tax credits	TOUS	•				
31.	Taxes other than income taxes						
32.	Total taxes on other income and deducti	one					
33.	Net other income and deductions	Olla					
<i>JJ</i> .	wer other fucome and deductions						

Case No. 8400

NET INCOME PER 1000 KWH SOLD

For the Calendar Year 1976 through 19 80

And for the 12 Months Ended September 30, 1981

(Total Company)

(a'000)

Line	12 Months Ended Calendar Years Prior to Test Year Test	
No.	<u>Item</u> (a)	$\frac{5th}{(b)} \frac{4th}{(c)} \frac{3rd}{(d)} \frac{2nd}{(e)} \frac{1st}{(f)} \frac{Year}{(g)}$
34. Intere	st Charges	
35. In	terest on long-term debt ortization of debt expense	

39. Net income

37.

38.

40. 1000 KWH sold

Other interest expense

Total interest charges

Case No. 8400

COMPARATIVE OPERATING STATISTICS

For the Calendar Years 1976 Through 1980 and the 12-Month Period Ended September 30, 1981

(Total Company)

Cost (b)	5th		
Inc.	ב		
(a) 1800	41	ς;	
Inc.	th	alendar	
Cost (f)	3r	Years	
Inc.	a.	Prior	12 M
Cost (h)	21	to Test	onths E
Inc.	ā.	Year	nded
Cost (j)	181		
Inc. (k)			
Cost (1)	rest	3	
Inc.	1Ear	Vane	

Line No.

Item (a)

,	8765	4321
6 - 1000 VIII 6014:	Cost Per Million BTU: Coal Oil Gas	Fuel Costs: Coal - cost per ton Oil - cost per gallon Gas - cost per MCF

9. 10. 11. Cost Per 1000 KWH Sold:

Cas Cas

13. Wages and Salaries - Charged Expense: Per average employee

Depreciation Expense: Per \$100 of average gross plant in service

গ্র

印器

ા

E/g

양

Test Year

10 ine 17. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. Purchased Power: Rents: Property Taxes: Per \$100 of average gross (net) Per 1000 KWH purchased per \$100 of average gross plant Payroll Taxes: Interest Expense: per average number of employees in service whose salary is charged to expense per 1000 KWH sold per average salary of employees plant in service per \$100 of average debt outstanding whose salary is charged to expense Per \$100 of average plant investment per \$100 KWH sold Item (a) भ (C) 1800 ভা 38

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Case No. 8400

AVERAGE ELECTRIC PLANT IN SERVICE BY ACCOUNT PER 1000 KWH SOLD

For the Calendar Year 1976 Through 1980 and the Test Year Ended September 30, 1981

(Total Company)

, Ну	Steam P 310 Land 311 Struc 312 Boile 314 Turke	Intangi 301 Organ	Account Number
Accessory electric equipment Miscellaneous power plant equipment Completed construction - not classified Total steam production plant Hydraulic Production Plant Land and land rights Structures and improvements Reservoirs, dams and waterways Water wheels turbines and generators Accessory electric equipment Miscellaneous power plant equipment Roads, railroads and bridges Completed construction - not classified Total hydraulic production plant	Steam Production Plant Land and land rights Structures and improvements Boiler plant equipment Turhopenerator units	Intangible Plant Organization	Title of Accounts (a)
			5th
			Calendar Year 4th (c)
			12 Month Ended B Prior to Test 3rd 2nd (d) (e)
			12 Month Ended Years Prior to Test Year 3rd 2nd (d) (e)
			1st (f)
			Test Year (8)



Title of Accounts

340 341 342 343 344 345 346

359 106 350 352 353 354 355 356 357 358 Transmission Plant Completed construction - not classified Roads and trails Underground conductors and devices Underground conduit Overhead conductors and devices Poles and fixtures Towers and fixtures Station equipment Structures and improvements Land and land rights Total transmission plant

Distribution Plant Completed construction - not classified Street lighting and signal systems Leased property on customers' premises Installations on customers' premises Meters Services Underground conduit Line transformers Underground conductors and devices Overhead conductors and devices Structures and improvements Poles, towers and fixtures Station equipment Land and land rights

360 361 362 364 365 366 366 367

371 372 373 106

Total distribution plant

Sheet 2 of 3 Format 12

12 Wonth Ended

<u> </u>	
হাত	Calendar Y
(a) 3rd	ears Prior
2 <u>nd</u>	to Test
(f)	Year
Year (g)	Test

Title of Accounts (a)

General Plant Land and land rights Structures and improvements Completed construction - not classified Other tangible property Miscellaneous equipment Communication equipment Power operated equipment Laboratory equipment Tools, shop and garage equipment Stores equipment Transportation equipment Office furniture and equipment Total general plant

389 390 391 392 393 394 395 396 396 398 398

Total electric plant in service

100.1

1000 KWH Sold

Sheet 3 of 3 Format 14

डाइ Calendar Years Prior to Test হুতি 12 Month Ended (1) ST e and Year (F) IST Year (8) Test

Case No. 8400

STATEMENT OF ELECTRIC PLANT IN SERVICE

12 Months Ended September 30, 1981

(Total Company)

330 331 332 333 334 335 336	310 311 312 314 315 316 106	301	Account
Hydraulic Production Plant Land and land rights Structures and improvements Reservoirs, dams and waterways Water wheels turbines and generators Accessory electric equipment Miscellaneous power plant equipment Roads, railroads and bridges Completed construction - not classified Total hydraulic production plant	Steam Production Plant Land and land rights Structures and improvements Boiler plant equipment Turbogenerator units Accessory electric equipment Miscellaneous power plant equipment Completed construction - not classified Total steam production plant	Intangible Plant Organization	Title of Accounts (a)
			Beginning Balance (b)
			Additions (c)
			Retirements (d)
			Transfers (e)
			Ending Balance (f)

340 341 342 343 344 345 346

Title of Accounts (a)

Total other production plant Total production plant	Completed construction - not classified	Miscellaneous power plant equipment	Accessory electric equipment	Generators	Prime movers	Fuel holders, producers and accessories	Structures and improvements	Land and land rights	Other Production Plant

Transmission Plant Structures and improvements Land and land rights

Poles and fixtures Towers and fixtures Station equipment

350 352 353 354 355

Underground conduit Overhead conductors and devices

Roads and trails Underground conductors and devices

359

356 357 358

Completed construction - not classified Total transmission plant

Distribution Plant

Overhead conductors and devices Station equipment Structures and improvements Underground conduit Poles, towers and fixtures Land and land rights

360 361 362 364

Services Line transformers

365 366 367 368 369

Underground conductors and devices

Street lighting and signal systems Completed construction - not classified Leased property on customers' premises Installations on customers' premises

Total distribution plant

Beginning

Transfers <u>e</u>

Ending Balance



Title of Accounts (a)

106	398 398	397	396	395	394	393	392	391	390	389	
Completed construction - not classified Total general plant	Miscellaneous equipment Other tangible property	Communication equipment	Power operated equipment	Laboratory equipment	Tools, shop and garage equipment	Stores equipment	Transportation equipment	Office furniture and equipment	Structures and improvements	Land and land rights	General Plant

1000 KWH Sold

100.1

Total electric plant in service

Additions (c)

Retirements (d)

Transfers (e)

Format 13 Sheet 3 of 3

Ending Balance (f)

Beginning
Balance
(b)

Case No. 8490

_ auvertising Expense

Ane

For the 12 Months Ended September 30, 1981

(Total Company Electric Operations)

No. Line Advert1sing Medium Charged (a) Number Account Advertising Promotional Sales or Institutional or Goodwill Advertising <u>ි</u> Advertising Conservation <u>a</u> Case (e) Rate Total (f)

(\$500) Dollars Five Hundred Expenditures Number of Less Than

- Sales Aids

6

Gold Medallion Home

Advertising

5

Direct Mail

4

Radio

ω

Television

?

Magazines

Newspaper

œ 0ther 7

9

Total

10. Amount Assigned to Electric Operations Kentucky Retail

- tructions: For each advertising medium listed, show the amount recorded in each account.
- ? Expenditures of less than \$500 may be grouped by type of advertising medium only if the number of items grouped is reported in Column (g).

Format 14b

EAST KENTUCKY POWER

Case No. 8400

ACCOUNT 930 - MISCELLANEOUS GENERAL EXPENSES

For the 12 Months Ended September 30, 1981

Line No.	Item (a)	Amount (b)
1.	Industry Association Dues	
2.	Institutional Advertising	
3.	Conservation Advertising	
4.	Rate Department Load Studies	
5.	Water, and Other Testing and Research	
6.	Directors' Fees and Expenses	
7.	Dues and Subscriptions	
8.	Miscellaneous	
9.	Total	

Instructions:

- 1. Provide detailed workpapers supporting this analysis. As a minimum the workpapers should show the date, vendor, reference (1.e., voucher number, etc.), dollar amount and brief description of each expenditure.
- 2. Detailed workpapers do not have to show the date, vendor, and reference for expenditures less than \$500 provided these expenditures are grouped by item and the number of expenditures less than \$500 is shown for each group.

Case No. 8400

ACCOUNT 426 - MISCELLANEOUS INCOME DEDUCATIONS

For the 12 Months Ended September 30, 1981

Line No.

Item (a)

Amount (b)

- 1. Donations
- Civic Activities
- Political Activities
- 4. Other
- 5. Total

Instructions:

- 1. Provide detailed workpapers supporting this analysis. As a minimum the workpapers should show the date, vendor, reference (i.e., voucher no., etc.), dollar amount and brief description of each expenditure.
- 2. Detailed workpapers do not have to show the date, vendor or reference for expenditures less than \$500 provided these expenditures are grouped by item and the number of expenditures less than \$500 is shown for each group.
- 3. If expenditures for the above items were recorded in accounts other than Account 426, provide, in the above format, a summary of the items charged each of those accounts. This includes expenditures of the above type billed by the parent or affiliated corporation if the applicant is a member of an affiliated group.

CASE NO. 8400

Schedule of Non-Utility Property and Related Property Taxes

For the Test Year Ended September 30, 1981

(Total Company)

					Amount of
Line		Account	Amount	Account	Property
No.	Item Description	No.	Invested	No.	Taxes
		(a)	(b)	(c)	(d)

Case No. 8400

Average Rate of Return and Coverage Ratios

12 Months Ended September 30, 1981

Line No.	Calendar Years Prior to Test Year (a)
1.	Original Cost Net Investment:
2.	5th Year
3.	4th Year
4.	3rd Year
5.	2nd Year
6.	1st Year
7.	Test Year
8.	Times Interest Earned Ratio:
9.	5th Year
10.	4th Year
11.	3rd Year
12.	2nd Year
13.	1st Year
14.	Test Year
15.	Debt Service Coverage:
16.	5th Year
17.	4th Year
18.	3rd Year
19.	2nd Year
20.	ist Year
21.	Test Year

Case Number 8400

SCHEDULE OF NUMBER OF EMPLOYEES, HOURS PER EMPLOYEE, AND AVERAGE WAGES PER EMPLOYEE

NOTE:	: Change	Test Year	· Change	lst Year	Change	2nd Year	% Change	3rd Year	Z Change	4th Year	7 Change	5th Year	Calendar Years Prior to Prior to (A)
383													Production No. Hrs. Wages (B) (C) (D)
increase (decrease)													Transmission No. Hrs. Wages (E) (F) (G)
harged to more than o													Distribution No. Hrs. Wages (H) (I) (J)
one function include the prior year on line													Customer Accounts No. Hrs. Wages (K) (L) (H)
employee in functions designated													Salcu No. Hrs. Vages
m receiving larges													Administrative and General No. Hrg. Wages (Q) (B) (S)
Whare an employee's suges are charged to more than one function include employee in function receiving largest portion of total sages.													Construction Total No. Hrs. Wages No. Hrs. Lives (T) (U) (V) (W) (X) (T)

(3) Employees, weakly hours per employee, and weekly wages per employee for the week including December 31 of each year and the last day of